

L Number	Hits	Search Text	DB	Time stamp
-	4359	(signal speech voice data) near (detect detection recognition recognize) and frame and sample and threshold (signal speech voice data) near (detect detection recognition recognize) and frame and sample and (threshold same valid)	USPAT	2003/11/06 10:11
-	386	(signal speech voice data) near (detect detection recognition recognize) and frame and sample and (threshold same valid)	USPAT	2003/11/04 10:43
-	167	(signal speech voice data) near (detect detection recognition recognize) and (frame same sample) and (threshold same valid)	USPAT	2003/11/04 11:13
-	22	(signal speech voice data) near (detect detection recognition recognize) and (frame same sample) and (threshold same valid) and 704/\$.ccls.	USPAT	2003/11/04 11:01
-	6	704/233.ccls. and (threshold same (valid validity)) and transform	USPAT	2003/11/04 11:02
-	129	(signal speech voice data) near (detect detection recognition recognize) and (frame same sample) and (threshold same valid) and program	USPAT	2003/11/06 10:14
-	0	(compostie near signal) and 704/\$.ccls. and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:15
-	0	(compostie near signal) and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:15
-	0	(compostie near3 signal) and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:15
-	3542	((accumulator ACC) same frame) (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:16
-	5	((accumulator ACC) same frame) and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:18
-	10	((accumulator ACC) same frame) and (((spectrum spectral) near3 energy) or pitch) same threshold)	USPAT	2003/11/06 10:24
-	24	((accumulator ACC) same sample) and (((spectrum spectral) near3 energy) or pitch) same threshold)	USPAT	2003/11/06 10:32
-	24	((accumulator ACC accumulate cumulative adder) near4 (frame sample input data)) and (((spectrum spectral) near3 energy) or pitch) near3 threshold)	USPAT	2003/11/06 11:00
-	1154	((detect detection) near3 (speech voice audio) same (noise composite))	USPAT	2003/11/06 10:41
-	434	((detect detection) near3 (speech voice audio) near6 (noise composite))	USPAT	2003/11/06 10:42
-	4	((detect detection) near3 (speech voice audio) near6 (noise composite)) and (((spectral spectrum) near3 energy) near7 threshold)	USPAT	2003/11/06 10:48
-	0	VAD and (((spectral spectrum) near3 energy) near7 threshold) and ((validation validate) near6 range)	USPAT	2003/11/06 10:48
-	0	(((spectral spectrum) near3 energy) near7 threshold) and ((validation validate) near6 range)	USPAT	2003/11/06 10:49
-	5	VAD and (((spectral spectrum) near3 energy) near7 threshold)	USPAT	2003/11/06 10:49
-	5598	((fram\$3 bloc\$5 samp1\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")))	USPAT	2003/11/07 14:24

-	218	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy") with threshold)	USPAT	2003/11/07 16:09
-	18	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and echo and (overlap with frame) and (computer application program\$3)	USPAT	2003/11/07 14:50
-	9	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and echo and (overlapping with frame) and (computer program\$3)	USPAT	2003/11/07 15:48
-	6	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and echo and (overlap\$4 with frame) and (computer program\$3) and (echo near3 detect\$5)	USPAT	2003/11/07 15:56
-	0	("narrow band noise") with (echo near3 detect\$5)	USPAT	2003/11/07 15:56
-	0	("narrow band noise") same (echo near3 detect\$5)	USPAT	2003/11/07 15:57
-	40	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and (echo with detection)	USPAT	2003/11/07 16:09
-	25	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and (echo with detection) and (computer)	USPAT	2003/11/07 16:12
-	1	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and ((echo near3 detection) same noise)	USPAT	2003/11/07 16:22
-	16	"echo detection" with noise	USPAT	2003/11/07 16:32

-	31	"echo detector" and (speech voice audio)	USPAT	2003/11/07 16:33
-	169	noise with (echo near3 (detect\$4))	USPAT	2003/11/07 16:45
-	20	"echo detection" same noise	USPAT	2003/11/07 16:48
-	32	(detect\$4 near2 echo) and (noise near2 cancel\$4) and speech	USPAT	2003/11/07 16:49
-	19	(echo near3 (detection detect cancel cancellation)) with ("signal to noise ratio" "signal-to-noise ratio" SNR)	USPAT	2003/11/10 09:35
-	0	VAD same ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:35
-	2	VAD and ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:36
-	2	704/\$.ccls. and ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:42
-	19	(speech voice) and ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:42